| Application or Docket Number |
|------------------------------|
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PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

| | | CLAIMS AS | S FILED - | • | SMALL E | NTITY | | OTHER | THAN | |
|-----------------------------|--|--|--|---|--|--|------------------------|----------------|--|------------------------|
| | | | (Column | 1) (Co | lumn 2) | TYPE [| | OR | SMALL | ENTITY |
| TOTAL CLAIMS | | 19 | | | RATE | FEE | | RATE | FEE | |
| FOR | | | NUMBER FILED NUMB | | MBER EXTRA | BASIC FEE | 385.00 | OR | BASIC FEE | 770.00 |
| TOTAL CHARGEABLE CLAIMS | | | Minus 20= * | | R | X\$ 9= | | OR | X\$18= · | |
| INDEPENDENT CLAIMS | | | 3 minus 3 = * | | | X43= | | OR | X86= | |
| MULTIPLE DEPENDENT CLAIM P | | | RESENT | | | +145= | | OR | +290= | |
| * If | the difference | in column 1 is | less than ze | ero, enter "0" ir | column 2 | TOTAL | | OR | TOTAL | 740 |
| CLAIMS AS AMENDED - PART II | | | | | | | | | OTHER | THAN |
| | | (Column 1) | | (Column 2) | (Column 3) | SMALL | ENTITY | OR | SMALL | ENTITY |
| ENT A | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE. | ADDI- TIONAL FEE |
| AMENDMENT A | Total | * | Minus | ** | = | X\$ 9= | | OR | X\$18= | |
| | Independent | * | Minus | *** | = | X43= | | OR | X86= | |
| L | FIRST PRESE | NTATION OF MU | JUIPLE DEI | PENDEN! CLAI | ivi | +145= | | OR | +290= | |
| | | | | • | | TOTAL | | OR | TOTAL ADDIT. FEE | |
| | | (Column 1) | | | | ADDIT. FEE | | 5 | ADDIT. I LEI | |
| | | | | (Column 2) | (Column 3) | | | | | |
| | | (Column 1) CLAIMS | | (Column 2) HIGHEST | (Column 3) | | ADDI- | | | ADDI- |
| ENT B | | | | | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| NDMENT B | Total | CLAIMS REMAINING AFTER | Minus | HIGHEST NUMBER PREVIOUSLY | PRESENT | RATE X\$ 9= | TIONAL | OR | RATE X\$18= | TIONAL |
| MENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT * | Minus | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | TIONAL | | | TIONAL |
| AMENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT | Minus | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | X\$ 9= X43= | TIONAL | OR | X\$18= X86= | TIONAL |
| AMENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT * | Minus | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | X\$ 9= X43= +145= | TIONAL | | X\$18= X86= +290= | TIONAL |
| AMENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT * | Minus | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | X\$ 9= X43= | TIONAL | OR OR | X\$18= X86= | TIONAL |
| AMENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT * | Minus | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | X\$ 9= X43= +145= | TIONAL | OR OR | X\$18= X86= +290= | TIONAL |
| | Independent | CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU | Minus | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA = = M | X\$ 9= X43= +145= | TIONAL | OR OR | X\$18= X86= +290= | TIONAL |
| | Independent FIRST PRESE | CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER | Minus | HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY | PRESENT EXTRA = = M (Column 3) PRESENT | X\$ 9= X43= +145= TOTAL ADDIT. FEE | ADDI- TIONAL | OR OR | X\$18= X86= +290= TOTAL ADDIT. FEE | TIONAL FEE |
| | Independent FIRST PRESE Total Independent | CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * * | Minus JLTIPLE DEF | HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** | PRESENT EXTRA = = M (Column 3) PRESENT EXTRA = = = | X\$ 9= X43= +145= TOTAL ADDIT. FEE | ADDI- TIONAL | OR OR OR | X\$18= X86= +290= TOTAL ADDIT. FEE | TIONAL FEE |
| AMENDMENT C AMENDMENT B | Independent FIRST PRESE Total Independent | CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT * | Minus JLTIPLE DEF | HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** | PRESENT EXTRA = = M (Column 3) PRESENT EXTRA = = = | X\$ 9= X43= +145= TOTAL ADDIT. FEE RATE X\$ 9= X43= | ADDI- TIONAL | OR OR OR | X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86= | TIONAL FEE |
| AMENDMENT C | Independent FIRST PRESE Total Independent FIRST PRESE | CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * * | Minus Minus Minus Minus JLTIPLE DEI | HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** PENDENT CLAI | PRESENT EXTRA = = M (Column 3) PRESENT EXTRA = = M | X\$ 9= X43= +145= TOTAL ADDIT. FEE RATE X\$ 9= X43= +145= | ADDI- TIONAL | OR OR OR | X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X\$6= +290= | TIONAL FEE |
| * - AMENDMENT C | Independent FIRST PRESE Total Independent FIRST PRESE f the entry in coluif the "Highest Nur | CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * * | Minus Minus Minus Minus JLTIPLE DEI a entry in colu aid For IN THI | HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** PENDENT CLAI *** PENDENT CLAI *** *** *** PENDENT CLAI *** *** *** *** *** *** *** | PRESENT EXTRA = = M | X\$ 9= X43= +145= TOTAL ADDIT. FEE RATE X\$ 9= X43= | ADDI- TIONAL | OR OR OR | X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86= | TIONAL FEE |